

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|---|------------------|---------|------------------|
| L1 | 237 | reference near3 count\$4 with pulse with digital | USPAT | OR | OFF | 2005/10/20 18:22 |
| L2 | 143 | filed near4 generat\$4 and field near4 (monitor\$4 detect\$4) | USPAT | OR | OFF | 2005/10/20 18:00 |
| L3 | 0 | 1 and 2 | USPAT | OR | OFF | 2005/10/20 18:00 |
| L4 | 21819 | capacit\$4 with (sens\$4 detect\$4).ti, ab,clm. | USPAT | OR | OFF | 2005/10/20 18:11 |
| L5 | 4003 | count\$4 near3 pulse with digital | USPAT | OR | OFF | 2005/10/20 18:13 |
| L6 | 138 | 4 and 5 | USPAT | OR | OFF | 2005/10/20 18:13 |
| L7 | 1470528 | compar\$4 | USPAT | OR | OFF | 2005/10/20 18:13 |
| L8 | 120 | 6 and 7 | USPAT | OR | OFF | 2005/10/20 18:16 |
| L9 | 28616 | motion near detect\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/20 18:18 |
| L10 | 155938 | (open close closing stop topping) near (gate door) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/20 18:18 |
| L11 | 1 | 8 and 9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/20 18:19 |
| L12 | 10 | 8 and 10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/20 18:21 |
| L13 | 28616 | motion near detect\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/20 18:22 |
| L14 | 2 | 1 and 13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/20 18:22 |

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| L15 | 2568 | reference near3 count\$4 with pulse | USPAT | OR | OFF | 2005/10/20 18:22 |
| L16 | 14516 | motion near detect\$4.ti,ab,clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/20 18:22 |
| L17 | 6 | 15 and 16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/20 18:23 |
| S1 | 9605 | reference near3 counter | USPAT | OR | OFF | 2005/10/20 15:30 |
| S2 | 632 | (capacit\$4 near3 (sens\$4 detect\$4)) with digital | USPAT | OR | OFF | 2003/11/24 12:16 |
| S3 | 535 | float\$4 near reference | USPAT | OR | OFF | 2003/11/24 12:16 |
| S4 | 0 | ((capacit\$4 near3 (sens\$4 detect\$4)) with digital) and (float\$4 near reference) | USPAT | OR | OFF | 2003/11/24 12:16 |
| S5 | 22 | (reference near3 counter) and ((capacit\$4 near3 (sens\$4 detect\$4)) with digital) | USPAT | OR | OFF | 2003/11/24 12:50 |
| S6 | 4495 | (measur\$4 determin\$4 monitor\$4) with frequency near3 shift\$4 | USPAT | OR | OFF | 2003/11/24 13:07 |
| S7 | 6 | ((capacit\$4 near3 (sens\$4 detect\$4)) with digital) and ((measur\$4 determin\$4 monitor\$4) with frequency near3 shift\$4) | USPAT | OR | OFF | 2003/11/24 12:50 |
| S8 | 2368 | 324/658-683.ccls. | USPAT | OR | OFF | 2003/11/24 13:07 |
| S9 | 40 | (reference near3 counter) and 324/658-683.ccls. | USPAT | OR | OFF | 2003/11/24 13:08 |
| S10 | 149316 | (sens\$4 detect\$4) with object | USPAT | OR | OFF | 2003/11/24 13:08 |
| S11 | 20 | ((reference near3 counter) and 324/658-683.ccls.) and ((sens\$4 detect\$4) with object) | USPAT | OR | OFF | 2003/11/24 13:11 |
| S12 | 2 | ((("4495485") or ("4567470")).PN. | USPAT; USOCR | OR | OFF | 2003/11/24 13:15 |
| S13 | 476 | capacitance near3 (varies vary\$4) with (distance position) | USPAT | OR | OFF | 2003/11/24 13:17 |
| S14 | 4 | ((measur\$4 determin\$4 monitor\$4) with frequency near3 shift\$4) and (capacitance near3 (varies vary\$4) with (distance position)) | USPAT | OR | OFF | 2003/11/24 13:18 |
| S15 | 63250 | field near3 generat\$4 | USPAT | OR | OFF | 2003/11/24 13:19 |
| S16 | 320 | ((measur\$4 determin\$4 monitor\$4) with frequency near3 shift\$4) and (field near3 generat\$4) | USPAT | OR | OFF | 2003/11/24 13:20 |

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| S17 | 556 | motion adj activat\$4 | USPAT | OR | OFF | 2003/11/24 13:22 |
| S18 | 0 | ((measur\$4 determin\$4 monitor\$4) with frequency near3 shift\$4) and (field near3 generat\$4)) and (motion adj activat\$4) | USPAT | OR | OFF | 2003/11/24 13:20 |
| S19 | 1 | ((measur\$4 determin\$4 monitor\$4) with frequency near3 shift\$4) and (motion adj activat\$4) | USPAT | OR | OFF | 2003/11/24 13:20 |
| S20 | 0 | 324/658-683.ccls. and (motion adj activat\$4) | USPAT | OR | OFF | 2003/11/24 13:21 |
| S21 | 10 | (capacitance near3 (varies vary\$4) with (distance position)) and (motion adj activat\$4) | USPAT | OR | OFF | 2003/11/24 13:23 |
| S22 | 4237 | detect\$4 with (present absent) | USPAT | OR | OFF | 2003/11/24 13:24 |
| S23 | 12 | ((measur\$4 determin\$4 monitor\$4) with frequency near3 shift\$4) and (detect\$4 with (present absent)) | USPAT | OR | OFF | 2003/11/24 13:25 |
| S24 | 11957 | capacit\$4 near sens\$4 transducer near5 capacit\$4 | USPAT | OR | OFF | 2003/11/24 13:26 |
| S25 | 121 | ((measur\$4 determin\$4 monitor\$4) with frequency near3 shift\$4) and (capacit\$4 near sens\$4 transducer near5 capacit\$4) | USPAT | OR | OFF | 2003/11/24 13:26 |
| S26 | 36 | counter and (((measur\$4 determin\$4 monitor\$4) with frequency near3 shift\$4) and (capacit\$4 near sens\$4 transducer near5 capacit\$4)) | USPAT | OR | OFF | 2003/11/24 13:27 |
| S27 | 2 | "3838270".URPN. | USPAT | OR | OFF | 2003/11/24 16:10 |
| S28 | 4 | ("1658953" "3576525" "3740550" "3777139").PN. | USPAT | OR | OFF | 2003/11/24 13:34 |
| S29 | 13532 | vdd | USPAT | OR | OFF | 2003/11/24 14:13 |
| S30 | 92403 | (measur\$4 determin\$4) with (charg\$4 discharg\$4) | USPAT | OR | OFF | 2003/11/24 14:15 |
| S31 | 1526 | vdd and ((measur\$4 determin\$4) with (charg\$4 discharg\$4)) | USPAT | OR | OFF | 2003/11/24 14:14 |
| S32 | 19455 | (measur\$4 determin\$4) with (charg\$4 discharg\$4) with voltage | USPAT | OR | OFF | 2003/11/24 14:15 |
| S33 | 712 | vdd and ((measur\$4 determin\$4) with (charg\$4 discharg\$4) with voltage) | USPAT | OR | OFF | 2003/11/24 14:15 |
| S34 | 1479 | ((measur\$4 determin\$4) with capacitance).ti,ab. | USPAT | OR | OFF | 2003/11/24 14:15 |
| S35 | 13 | (vdd and ((measur\$4 determin\$4) with (charg\$4 discharg\$4) with voltage)) and (((measur\$4 determin\$4) with capacitance).ti,ab.) | USPAT | OR | OFF | 2003/11/24 14:15 |

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| S36 | 0 | "60408708" | USPAT | OR | OFF | 2003/11/24 16:10 |
| S37 | 124 | reference near3 counter with pulse with digital | USPAT | OR | OFF | 2005/10/20 17:58 |
| S38 | 4490 | capacit\$4 near (sens\$4 detect\$4).ti, ab,clm. | USPAT | OR | OFF | 2005/10/20 18:11 |
| S39 | 0 | S37 and S38 | USPAT | OR | OFF | 2005/10/20 15:32 |
| S40 | 593 | float\$4 near reference | USPAT | OR | OFF | 2005/10/20 15:32 |
| S41 | 0 | S37 and S40 | USPAT | OR | OFF | 2005/10/20 15:32 |
| S42 | 15541 | capacit\$4 near (sens\$4 detect\$4) | USPAT | OR | OFF | 2005/10/20 15:35 |
| S43 | 2 | S37 and S42 | USPAT | OR | OFF | 2005/10/20 15:36 |
| S44 | 5 | ((("3,838,270") or ("4,567,470")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/20 15:36 |
| S45 | 2 | ("3838270").URPN. | USPAT | OR | ON | 2005/10/20 15:37 |
| S46 | 5 | ("1658953" "3576525" "3740550" "3777139").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/20 15:38 |